

IN THE SPECIFICATION:

Please replace the paragraph at page 1, lines 6-20, with the following replacement paragraph. A marked-up copy of the paragraph at page 1, lines 6-20, showing the changes made thereto, is attached.

a1 ✓  
The present invention relates to a position and orientation determination apparatus, method, and a storage medium therefor for determining the position and orientation of a capture means before performing an image process to generate an augmented picture using an image in an unreal space such as computer graphics incorporated into the real space by measuring a parameter indicating the position and orientation of capture means (image pickup means) for capturing the real space with a method other than using a captured picture, and identifying information about a picture whose parameter has been captured. The present invention can also be applied to any means and method for determining the position and orientation of a capture device used for any purpose other than augmenting the real space and another space image.

Please replace the paragraph at page 2, lines 6-18, with the following replacement paragraph. A marked-up copy of the paragraph at page 2, lines 6-18, showing the changes made thereto, is attached.

a2 cont'd  
Therefore, in the conventional technology, some methods have been suggested to improve the precision of an external parameter (position and orientation of a camera) for capturing the real space. In one of the methods, a plurality of feature points